Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040082106").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 14:57
S2	2156428	@ad>"20021021" @rlad>"20021021" @pt1d>"20021021"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 14:58
S3	17657	hynix.as. not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 14:58
S14	269	bond$ adj pad and embos$ not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:08
S16	2178	438/612.ccls. not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:09
S18	6	S16 and emboss$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:12
S19	154	S3 and solder adj ball	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:20
S20	1907	257/774.ccls. not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:20
S21	21	S16 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:22
S22	4064	S16 S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:23
S23	1219	S22 and solder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:23
S24	183	S23 and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:28
S26	761	438/for.363.ccls. not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:29
S29	4805	S16 S20 S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:32
S30	4601	S29 not (S19 S21 S24)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:33
S31	183	S23 and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:39
S32	52	annular and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 15:44
S33	4549	S30 not S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 16:19

S34	60	concentric$ and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 16:19
S35	4489	S33 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 17:54
S37	106	bond$ adj pad with concentric$ not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 18:09
S38	24	S33 and cushion$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 18:10
S40	2	("6222270").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/03 19:51
S41	19	("5084752" | "5248903" | "5403777" | "5502337" | "5528061" | "5691574" | "5700735" | "5707894" | "5736791" | "5959357" | "5986343" | "6040604").PN. OR ("6222270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 19:51
S42	19	S41 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 19:51
S43	9	("20010010408" | "5404047" | "5942800" | "6100589" | "6287950" | "6313540" | "6500748" | "6528881" | "6599578").PN. OR ("6825541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:00
S44	9	S43 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:00
S45	12	("4832789" | "5084752" | "5288661" | "5525546" | "5565378" | "5659201" | "5686762" | "5721157" | "6207547" | "6261944").PN. OR ("6500748").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:10
S46	11	S45 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:18
S48	4	corrugat$ and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:19
S49	4	bond$ adj pad with corrugat$ not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:22
S50	144	257/739.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:23
S52	131	S50 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:23
S53	12	("5045918" | "5124781" | "5394013").PN. OR ("5723822").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:30
S54	12	S53 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:34
S55	282	438/964.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:34
S56	270	S55 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 20:41

| S57 | 717 | (US-20040072414-$ or US-20040070078-$ or US-20040065960-$ or US-20040061241-$ or US-20040058520-$ or US-20040058477-$ or US-20040056345-$ or US-20040041273-$ or US-20040041272-$ or US-20040041224-$ or US-20040036176-$ or US-20040023481-$ or US-20040018712-$ or US-20040009661-$ or US-20040009628-$ or US-20040005770-$ or US-20040004290-$ or US-20040000721-$ or US-20040000720-$ or US-20030227092-$ or US-20030224593-$ or US-20030219966-$ or US-20030218256-$ or US-20030218250-$ or US-20030215979-$ or US-20030214049-$).did. or (US-20030214047-$ or US-20030211665-$ or US-20030209801-$ or US-20030209779-$ or US-20030207489-$ or US-20030205822-$ or US-20030201543-$ or US-20030201537-$ or US-20030201535-$ or US-20030197288-$ or US-20030197285-$ or US-20030197279-$ or US-20030194830-$ or US-20030193076-$ or US-20030192943-$ or US-20030186528-$ or US-20030183939-$ or US-20030181029-$ or US-20030178729-$ or US-20030170979-$ or US-20030170972-$ or US-20030168737-$ or US-20030166312-$ or US-20030160331-$ or US-20030160325-$ or US-20030155655-$ or US-20030155642-$).did. or (US-20030153196-$ or US-20030153171-$ or US-20030151143-$ or US-20030148597-$ or US-20030148596-$ or US-20030141600-$ or US-20030137055-$ or US-20030137035-$ or US-20030134496-$ or US-20030134233-$ or US-20030124829-$ or US-20030124765-$ or US-20030122260-$ or US-20030122259-$ or US-20030119295-$ or US-20030116860-$ or US-20030116856-$ or US-20030116855-$ or US-20030113995-$ or US-20030113990-$ or US-20030111733-$ or US-20030109079-$ or US-20030100174-$ or US-20030098510-$ or US-20030096493-$ or US-20030096448-$ or US-20030089997-$).did. or (US-20030089996-$ or US-20030089989-$ or US-20030085474-$ or US-20030085470-$ or US-20030085443-$ or US-20030085437-$ or US-20030085416-$ or US-20030082897-$ or US-20030082896-$ or US-20030080437-$ or US-20030080436-$ or US-20030080434-$ or US-20030075807-$ or US-20030071361-$ or US-20030071356-$ or US-20030071334-$ or US-20030068842-$ or US-20030068839-$ or 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US-20020195715-$ or US-20020195714-$ or US-20020192935-$ or US-20020192871-$ or US-20020190365-$ or US-20020190299-$ or US-20020187630-$ or US-20020187585-$ or US-20020185751-$ or US-20020185733-$ or US-20020185671-$ or US-20020182855-$ or US-20020182842-$ or US-20020180055-$).did. or (US-20020180054-$ or US-20020180053-$ or US-20020177294-$ or US-20020175420-$ or US-20020175419-$ or US-20020175414-$ or US-20020173133-$ or US-20020173096-$ or US-20020173073-$ or US-20020171147-$ or US-20020168845-$ or US-20020168589-$ or US-20020167090-$ or US-20020167089-$ or US-20020167085-$ or US-20020164840-$ or US-20020163069-$ or US-20020163067-$ or US-20020160597-$ or US-20020160596-$ or US-20020158340-$ or US-20020158336-$ or US-20020158323-$ or US-20020153616-$ or US-20020153614-$ or US-20020153611-$ or US-20020149117-$).did. or (US-20020149115-$ or US-20020149086-$ or US-20020149012-$ or US-20020146897-$ or US-20020142574-$ or US-20020140104-$ or US-20020140081-$ or US-20020137256-$ or US-20020137255-$ or US-20020135072-$ or US-20020132461-$ or US-20020130421-$ or US-20020130420-$ or US-20020127835-$ or US-20020125581-$ or US-20020125578-$ or US-20020125577-$ or US-20020125512-$ or US-20020123214-$ or US-20020121704-$ or US-20020117761-$ or US-20020117760-$ or US-20020117759-$ or US-20020117737-$ or US-20020115278-$ or US-20020113323-$ or US-20020113317-$).did. or (US-20020113237-$ or US-20020111009-$ or US-20020111008-$ or US-20020111007-$ or US-20020111006-$ or US-20020111005-$ or US-20020109238-$ or US-20020109235-$ or US-20020109234-$ or US-20020109229-$ or US-20020105090-$ or US-20020105089-$ or US-20020105088-$ or US-20020105087-$ or US-20020102844-$ or US-20020102833-$ or US-20020102832-$ or US-20020100984-$ or US-20020100983-$ or US-20020100980-$ or US-20020100979-$ or US-20020100978-$ or US-20020098686-$ or US-20020098623-$ or US-20020098619-$ or US-20020096778-$ or US-20020096777-$).did. or (US-20020096776-$ or US-20020096762-$ or US-20020094670-$ or 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US-20020052105-$ or US-20020050651-$).did. or (US-20020050650-$ or US-20020050645-$ or US-20020048935-$ or US-20020047218-$ or US-20020047210-$ or US-20020047209-$ or US-20020043726-$ or US-20020043673-$ or US-20020041033-$ or US-20020041030-$ or US-20020041028-$ or US-20020039811-$ or US-20020037615-$ or US-20020036353-$ or US-20020036352-$ or US-20020036351-$ or US-20020034872-$ or US-20020034871-$ or US-20020034870-$ or US-20020031903-$ or US-20020031902-$ or US-20020031868-$ or US-20020030288-$ or US-20020030285-$ or US-20020030283-$ or US-20020030282-$ or US-20020030281-$).did. or (US-20020030280-$ or US-20020030259-$ or US-20020030213-$ or US-20020028534-$ or US-20020027293-$ or US-20020027292-$ or US-20020025667-$ or US-20020020928-$ or US-20020020922-$ or US-20020020921-$ or US-20020020920-$ or US-20020020894-$ or US-20020019129-$ or US-20020017726-$ or US-20020017715-$ or US-20020017713-$ or US-20020014704-$ or US-20020014701-$ or US-20020014698-$ or US-20020013044-$ or US-20020011673-$ or US-20020009879-$ or US-20020009870-$ or US-20020009869-$ or US-20020008324-$ or US-20020008320-$ or US-20020006717-$).did. or (US-20020005589-$ or US-20020003249-$ or US-20020001936-$ or US-20020000660-$ or US-20020000550-$ or US-20010054765-$ or US-20010053598-$ or US-20010053597-$ or US-20010052643-$ or US-20010051426-$ or US-20010051396-$ or US-20010050440-$ or US-20010049187-$ or US-20010048162-$ or US-20010046721-$ or US-20010046718-$ or US-20010045667-$ or US-20010045666-$ or US-20010045665-$ or US-20010045664-$ or US-20010045657-$ or US-20010045653-$ or US-20010044199-$ or US-20010042923-$ or US-20010042916-$ or US-20010041437-$ or US-20010041383-$).did. or (US-20010040297-$ or US-20010040289-$ or US-20010039110-$ or US-20010038149-$ or US-20010036720-$ or US-20010035586-$ or US-20010035547-$ or US-20010033029-$ or US-20010033028-$ or US-20010033024-$ or US-20010033020-$ or US-20010032981-$ or US-20010029095-$ or US-20010029065-$ or US-20010028112-$ or US-20010028103-$ or US-20010028098-$ or US-20010026021-$ or US-20010026018-$ or US-20010026005-$ or US-20010024872-$ or US-20010023991-$ or US-20010023127-$ or US-20010022403-$ or US-20010022391-$ or US-20010022388-$ or US-20010019891-$).did. or (US-20010019175-$ or US-20010019125-$ or US-20010017770-$ or US-20010017426-$ or US-20010017424-$ or US-20010017423-$ or US-20010017416-$ or US-20010017402-$ or US-20010016898-$ or US-20010015897-$ or US-20010015439-$ or US-20010013646-$ or US-20010012893-$ or US-20010011777-$ or US-20010011735-$ or US-20010011727-$ or US-20010008792-$ or US-20010008313-$ or US-20010008310-$ or US-20010008309-$ or US-20010007356-$ or US-20010006321-$ or US-20010006257-$).did. or (US-20010005602-$ or US-20010005601-$ or US-20010005599-$ or US-20010005057-$ or US-20010005056-$ or | US-PGPUB; USPAT | OR | ON | 2005/06/03 20:42 |

S61	3772	S35 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 20:42
S63	844	(solder or ball or bump) and S61 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 20:43
S64	46	(US-20020195269-$ or US-20030134496-$ or US-20020076913-$ or US-20020068385-$ or US-20010051426-$ or US-20010009802-$ or US-20040004284-$ or US-20030234447-$).did. or (US-6531384-$ or US-5889655-$ or US-5502337-$ or US-6444295-$ or US-6232147-$ or US-6207547-$ or US-6040604-$ or US-6022792-$ or US-6717238-$ or US-6150725-$ or US-6313537-$ or US-5986343-$ or US-5736791-$ or US-5700735-$ or US-5248903-$ or US-6825541-$ or US-6500748-$ or US-6803302-$ or US-6780748-$ or US-6756671-$ or US-5723822-$ or US-5621246-$ or US-5357136-$ or US-6717243-$ or US-5394013-$ or US-5124781-$).did. or (US-6577017-$ or US-6573170-$ or US-6551916-$ or US-6511901-$ or US-6492683-$ or US-6306750-$ or US-6300688-$ or US-6191023-$ or US-6181016-$ or US-6093630-$ or US-5284797-$).did. or (JP-04348047-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/06/03 21:06
S65	392	("20010005624" | "20010010408" | "20010019180" | "20020020918" | "20020043727" | "4057659" | "4073055" | "4119440" | "4290079" | "4349609" | "4392150" | "4427715" | "4451326" | "4463059" | "4471523" | "4523372" | "4601939" | "4604641" | "4613888" | "4617193" | "4636832" | "4646126" | "4692190" | "4723197" | "4742023" | "4821092" | "4832789" | "4843453" | "4910170" | "4914054" | "4924294" | "4965218" | "4975756" | "4984061" | "5034345" | "5045918" | "5045919" | "5084752" | "5093279" | "5121186" | "5124781" | "5134460" | "5149674" | "5166096" | "5169802" | "5244534" | "5244837" | "5248903" | "5266522" | "5272376" | "5284797" | "5288661" | "5289036" | "5291062" | "5308795" | "5309025" | "5330878" | "5367435" | "5376584" | "5382831" | "5394013" | "5403777" | "5404047" | "5412250" | "5430329" | "5436412" | "5438166" | "5451549" | "5455387" | "5475236" | "5476815" | "5502337" | "5525546" | "5542174" | "5547901" | "5554940" | "5565378" | "5631498" | "5656863" | "5659201" | "5660321" | "5668405" | "5668411" | "5686762" | "5695592" | "5700735" | "5707894" | "5719448" | "5719449" | "5721157" | "5723822" | "5736791" | "5739587" | "5751065" | "5753975" | "5774340" | "5785236" | "5795796" | "5804883" | "5807098" | "5807787" | "5810607" | "5834365" | "5840593" | "5844168" | "5874779" | "5892249" | "5904556" | "5904563" | "5904565" | "5912510" | "5923088" | "5933737" | "5942448" | "5942800" | "5976971" | "5977624" | "5985765" | "5989991" | "6028360" | "6043144" | "6100589" | "6114187").PN. OR ("6144102" | "6163075" | "6181569" | "6187680" | "6191023" | "6197613" | "6207547" | "6215144" | "6232147" | "6235572" | "6235620" | "6239681" | "6258649" | "6261944" | "6281054" | "6287893" | "6287950" | "6291331" | "6306750" | "6310390" | "6313540" | "6329222" | "6379993" | "6383935" | "6455892" | "6482741" | "6500748" | "6528881" | "6599578").PN. OR ("2001/0009802" | "2001/0051426" | "2002/0068385" | "2002/0076913" | "2002/0195269" | "2003/0134496" | "2003/0234447" | "2004/0004284" | "5124781" | "5248903" | "5284797" | "5357136" | "5394013" | "5502337" | "5621246" | "5700735" | "5723822" | "5736791" | "5889655" | "5986343" | "6022792" | "6040604" | "6093630" | "6150725" | "6181016" | "6191023" | "6207547" | "6232147" | "6300688" | "6306750" | "6313537" | "6444295" | "6492683" | "6500748" | "6511901" | "6531384" | "6551916" | "6573170" | "6577017" | "6717238" | "6717243" | "6756671" | "6780748" | "6803302" | "6825541").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 21:06
S66	320	S65 not (S63 S56 S52 S2)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 19:08
S69	50	(US-20020195269-$ or US-20030134496-$ or US-20020076913-$ or US-20020068385-$ or US-20010051426-$ or US-20010009802-$ or US-20040004284-$ or US-20030234447-$).did. or (US-6531384-$ or US-5889655-$ or US-5502337-$ or US-6444295-$ or US-6232147-$ or US-6207547-$ or US-6040604-$ or US-6022792-$ or US-6717238-$ or US-6150725-$ or US-5986343-$ or US-5736791-$ or US-5700735-$ or US-5248903-$ or US-6825541-$ or US-6500748-$ or US-6803302-$ or US-6780748-$ or US-6756671-$ or US-5723822-$ or US-5621246-$ or US-5357136-$ or US-6717243-$ or US-5394013-$ or US-5124781-$).did. or (US-6577017-$ or US-6573170-$ or US-6551916-$ or US-6511901-$ or US-6492683-$ or US-6306750-$ or US-6300688-$ or US-6191023-$ or US-6181016-$ or US-6093630-$ or US-5284797-$ or US-6625882-$ or US-6563216-$ or US-5773899-$ or US-4723197-$).did. or (JP-04348047-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/06/08 16:02
S70	1	("20050118764").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 16:03

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